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# SUPERIOR STEEL CORPORATION

GENERAL OFFICES AND WORKS - CARNEGIE, PA.

EXECUTIVE OFFICES - GRANT BUILDING

**PITTSBURGH 19, PA.**

JOHN C. FERGUSON  
SECRETARY

ATLANTIC 1-3070

April 23, 1956

Division of Civilian Application  
U. S. Atomic Energy Commission  
1901 Constitution Avenue, N. W.  
Washington 25, D. C.

Attention: Mr. Lyall Johnson, Chief, Licensing Branch

Gentlemen:

Re: Source Material License  
License No. C-3480  
Dated March 27, 1956

The Superior Steel Corporation, located at Carnegie, Pennsylvania, herein-after called the Applicant, hereby makes application for amendment to the above source material license to receive, possess, use and transfer thorium metal without quantitative limitations, said license to expire April 30, 1958. This application for amendment replaces application dated April 20, 1956.

License No. C-3480 was issued to the Applicant to cover specific source material in the form of four ingots of thorium covered by The Babcock & Wilcox Company Source Material License C-3465. It is currently estimated that the first quantity of source material might be approximately 45,000 pounds of thorium metal from The Babcock & Wilcox Company. This is the thorium that is owned by the Consolidated Edison Company and will be used in a critical experiment at The Babcock & Wilcox Company facility near Lynchburg, Virginia.

We will process the thorium metal by rolling and cutting in a manner similar to that done by the Applicant in the tests for which License No. C-3480 was issued and for the Atomic Energy Commission.

We have been advised of the hazards involved in the handling of thorium metal, and we are currently evaluating the data secured in connection with our test rollings. We are cognizant of the problems of the health and safety of plant employees and people outside the plant and that Part 20 of the proposed Atomic Energy Commission Standards for Protection against Radiation is applicable. Our evaluation will provide the basis for the protection recommended in Part 20 with respect

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to exposures to radiation and air borne materials and the handling of liquid wastes. We shall take all reasonable steps and all precautions to protect health and minimize danger from hazards to life and property and comply with the recommendations set forth in said Part 20.

IN WITNESS WHEREOF, Superior Steel Corporation has caused its name to be hereunto signed this 23rd day of April 1956.

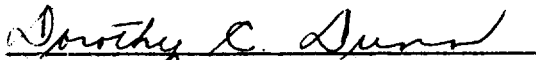
Very truly yours,

SUPERIOR STEEL CORPORATION

  
John C. Ferguson, Secretary

jcf.sjk

Subscribed and sworn to  
before me this 23rd day  
of April 1956.



DOROTHY C. DUNN, Notary Public  
Pittsburgh, Allegheny County, Pa.  
My Commission Expires  
January 29, 1959